

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-14 (Canceled)

Claim 15 (Currently Amended): A suction nozzle for a vacuum cleaner having at least one of a suction wand and a suction hose, the suction nozzle comprising:

a nozzle part having a suction mouth;

a tubular connection part configured to connect to at least one of the suction wand and the suction hose;

a holding device having a receiving element and being disposed at the upper side of the connection part;

a dust sensor disposed in a dust-air stream inside an upward portion of the connection part, the dust sensor being insertable underneath a housing of the connection part through an opening formed on an upper side of the connection part so as to protrude into the dust-air stream near an upper wall area of the connection part;

an indicating device having indicating elements indicating a dust flow, the indicating elements being disposed in a receiving chamber formed at the upper side of the connection part; and

an electronic control device configured to analyze signals of the dust sensor and controlling the indicating device during operation;

wherein the dust sensor is a piezoelectric dust sensor disposed in the receiving element and protrudes at an angle into the dust-air stream and wherein the receiving element is insertable, together with the sensor, into an interior of the connection part through the opening.

Claim 16 (Cancelled)

Claim 17 (Currently Amended): The suction nozzle for a vacuum cleaner as recited in claim ~~[[16]]~~15, wherein the ~~[[the]]~~ angle is 25 to 50 degrees relative to the upper wall of the connection part.

Claim 18 (Currently Amended): The suction nozzle for a vacuum cleaner as recited in claim ~~[[16]]~~15, further comprising a printed circuit board disposed at the upper side of the holding device and wherein the control device and the indicating elements are mounted on the printed circuit board.

Claim 19 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 18, further comprising a low-pressure switch disposed above the printed circuit board, a battery compartment disposed in the housing below the holding device, current conducting elements, and batteries disposed in the battery compartment and in communication with the control device via the current-conducting elements, wherein the control device is battery-operated and activatable by the low-pressure switch.

Claim 20 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 19, wherein the low-pressure switch includes an air inlet port in communication with dust-air stream inside the connection part via an aperture, the air inlet port being located in a wind shadow of at least one of the receiving element, the holding device and of the dust sensor.

Claim 21 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 15, wherein the housing includes an upwardly directed viewing window for the dust-flow indicator, the light signals of the indicating elements being displayable to an outside through the viewing window.

Claim 22 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 21, further comprising a printed circuit board and wherein the indicating elements include LEDs and are disposed on the printed circuit board and spaced from viewing window by a distance defined

according to a light radiation of the LEDs, so that when the LEDs are activated a flat illumination is achieved for the viewing window.

Claim 23 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 22, further comprising a reflector mounted on the printed circuit board behind the indicating elements and reflecting light beams of the indicating elements toward the viewing window.

Claim 24 (Currently amended): ~~[[The]]~~A suction nozzle for a vacuum cleaner, comprising: as recited in claim 15,

a nozzle part having a suction mouth;

a tubular connection part configured to connect to at least one of the suction wand and the suction hose;

a dust sensor disposed in a dust-air stream inside an upward portion of the connection part, the dust sensor being insertable underneath a housing of the connection part through an opening formed on an upper side of the connection part so as to protrude into the dust-air stream near an upper wall area of the connection part;

an indicating device having indicating elements indicating a dust flow, the indicating elements being disposed in a receiving chamber formed at the upper side of the connection part; and

an electronic control device configured to analyze signals of the dust sensor and controlling the indicating device during operation;

wherein the connection part includes a closable further opening in a lower wall opposite the dust sensor and allowing the dust sensor to be accessed from outside the connection part.

Claim 25 (Currently Amended): The suction nozzle for a vacuum cleaner as recited in claim ~~[[16]]~~15, wherein the connection part includes snap-in locking and fastening elements on the upper side, and wherein the housing includes an upper housing shell, the upper housing shell and the holding device being attachable to the snap-in locking and fastening elements.

Claim 26 (Previously Presented): The suction nozzle for a vacuum cleaner as recited in claim 15, further comprising a parking aid mounted at a lower side of the connection part.

Claim 27 (Currently Amended): A connection part for a suction nozzle of a vacuum cleaner, the connection part comprising:

a first connecting portion disposed at a first side of the connection part and connectable to connector member of a suction nozzle;

a second connecting portion disposed at a second opposite side of the connection part and connectable to at least one of a suction wand and a suction hose of the vacuum cleaner;

a holding device having a receiving element and being disposed at the upper side of the connection part;

a dust sensor disposed in a dust-air stream inside an upward portion of the connection part, the dust sensor being insertable underneath a housing of the connection part through an opening formed on an upper side of the connection part so as to protrude into the dust-air stream near an upper wall area of the connection part; and

an indicating device having indicating elements indicating a dust flow, the indicating elements being disposed in a receiving chamber formed at the upper side of the connection part;

wherein the dust sensor is a piezoelectric dust sensor disposed in the receiving element and protrudes at an angle into the dust-air stream and wherein the receiving element is insertable, together with the sensor, into an interior of the connection part through the opening.